

In the Claims:

1. (currently amended) An adhesive for medical patches or for transdermal therapeutic systems, said adhesive having a tackiness which is activated and/or increased by contact with moisture or by absorption of moisture, said adhesive comprising at least one component selected from the group consisting of (a) polyvinyl alcohols, (b) cellulose derivatives, (c) polyethers[[,]] and (d) acid anhydrides including acids and salts of acid anhydrides and ~~(e) non-pressure-sensitive polyacrylates, wherein at least two components differ from each other by each being a member of a different class (a) to (e); and wherein~~ said adhesive further contains at least one film-forming polymer selected from the group of [[said]] non-pressure-sensitive adhesive polyacrylates and/or at least one ~~organic acid~~ pressure-sensitive adhesive polymer.
2. (currently amended) The adhesive according to claim 1, wherein said adhesive contains at least one ~~additional~~ acid anhydride (d), wherein said acid anhydride is selected from the group consisting of acid anhydride group-containing polymers and copolymers polymer or copolymer.
3. (currently amended) The adhesive according to claim 2, wherein said ~~at least one additional acid anhydride group-containing polymer or copolymer is in a form selected from the group consisting of~~ polymers and copolymers are present in a form selected from the group consisting of a salt form and an acid form.
4. (currently amended) The adhesive according to claim 1, wherein said adhesive ~~further~~ comprises at least one polymer selected from the [[class]] group of the polyethers (c), wherein said polyethers comprise polymers from the group of polyvinyl alkyl ethers and

contains 1–20 C atoms.

5. (currently amended) The adhesive according to claim 4, wherein said adhesive further polyvinyl alkyl ethers comprise ~~comprises at least one polymer selected from the group consisting of~~ polyvinyl methyl ether, polyvinyl ethyl ether, polyvinyl isobutyl ether and polyvinyl cyclohexyl ether.

6. (currently amended) The adhesive according to claim 1, wherein said adhesive further comprises at least one polymer selected from the group of the polyethers (c), wherein said polyethers comprise polyvinyl alkyl ether copolymers containing a carboxylic acid anhydride as comonomer.

7. (currently amended) The adhesive according to claim 1, wherein said adhesive further comprises at least one component selected from said group of polyalcohols (a) ~~polyvinyl alcohol~~.

8. (currently amended) The adhesive according to claim 7, wherein said adhesive further comprises at least one of said anhydrides (d), wherein said anhydrides comprise polymethyl vinyl ether-polymaleic acid anhydride copolymers ~~polymethyl vinyl ether-polymaleic acid anhydride copolymer, the polyvinyl alcohol portion amounting to 1–80% wt. relative to the sum of said two polymer components.~~

9. (currently amended) The adhesive according to claim 1, wherein said adhesive further comprises at least one cellulose derivative component selected from said group of cellulose derivatives, wherein said cellulose derivatives comprise ~~the group consisting of~~ hydroxypropyl methyl cellulose, hydroxypropyl cellulose, sodium carboxymethyl cellulose, methyl cellulose, hydroxyethyl cellulose and hydroxypropyl ethyl cellulose.

10. (previously presented) The adhesive according to claim 1, wherein said adhesive further comprises at least one component selected from the group consisting of polyvinyl pyrrolidones, gelatine, starch and starch derivatives.
11. (currently amended) The adhesive according to claim 1, wherein said ~~adhesive additionally contains at least one~~ pressure-sensitive adhesive polymer is selected from the group consisting of polyacrylates, polyisobutylenes, polyisoprenes, silicone adhesives and hot melt pressure-sensitive adhesives, ~~wherein the portion of said moisture-activatable, non-pressure-sensitive adhesive components is 40-60% wt.~~
12. (currently amended) The adhesive according to claim 1, wherein said adhesive ~~further~~ comprises at least one film-forming polymer selected from the group of the polyacrylates and at least one polymethyl vinyl ether-polymaleic acid anhydride copolymer, ~~the polyacrylate portion being 25-95% wt. relative to the sum of said polymer components.~~
13. (currently amended) The adhesive according to claim 1, wherein said adhesive further comprises at least one organic acid ~~is selected from the group consisting of saturated alkanoic monocarboxylic acids, saturated alkanoic dicarboxylic acids and hydroxyalkanoic acids.~~
14. (currently amended) The adhesive according to claim ~~[[1]]~~ 13, wherein said at least one component is a cellulose derivative ~~and an organic acid.~~
15. (previously presented) A medical patch or transdermal therapeutic system comprising at least one moisture-activatable adhesive matrix layer comprising an adhesive according to claim 1.
16. (previously presented) The medical patch or transdermal therapeutic system according

to claim 15, wherein said matrix layer contains at least one active substance.

17. (previously presented) The medical patch or transdermal therapeutic system according to claim 16 and further comprising an overlying patch for connecting said active substance-containing matrix layer, said overlying patch comprising a pressure-sensitive adhesive polymer layer.

18. (currently amended) The manufacture of a product selected from the group consisting of a medicinal patch and a transdermal therapeutic system, comprising the steps of:

creating an adhesive for medical patches or transdermal therapeutic systems by combining and mixing at least one component selected from the group consisting of (a) polyvinyl alcohols, (b) cellulose derivatives, (c) polyethers[[,]] and (d) acid anhydrides including acids and salts of acid anhydrides ~~and (e) non-pressure sensitive polyacrylates, wherein at least two components differ from each other by each being a member of a different class (a) to (e), with at least one film-forming polymer from the group of non-pressure-sensitive adhesive polyacrylates, at least one organic acid and/or at least one pressure-sensitive adhesive polymer, and a solvent selected from the group consisting of demineralised water, aqueous solvent mixtures, alcohols and esters ~~ethanol~~~~ to obtain a compound;

coating said compound onto a film to form a coated film; and

drying said coated film.

19. (previously presented) The adhesive according to claim 2, wherein said at least one acid anhydride group-containing polymer or copolymer is an acid anhydride group-containing polyether.

20. (previously presented) The adhesive according to claim 19, wherein said acid anhydride group-containing polyether is acid anhydride.
21. (previously presented) The adhesive according to claim 6, wherein said at least one polymer is selected from the group consisting of a copolymer of methyl vinyl ether and maleic acid anhydride.
22. (previously presented) The adhesive according to claim 8, wherein said polyvinyl alcohol portion is amounts to 5-55% - wt. relative to the sum of said polymer components.
23. (previously presented) The adhesive according to claim 12, wherein said polyacrylate portion of said adhesive is 50-80% - wt. relative to the sum of said polymer components.
24. (previously presented) The adhesive according to claim 14, wherein said cellulose derivative is sodium carboxymethyl cellulose and said organic acid is a carboxylic acid.
25. (new) The adhesive according to claim 11, wherein the portion of said moisture-activatable, non-pressure-sensitive adhesive components is 40-60%-wt.
26. (new) The adhesive according to claim 12, wherein the polyacrylate portion is 25-95%-wt. relative to the sum of said polymer components.
27. (new) The adhesive according to claim 13, wherein said organic acid is selected from the group consisting of saturated alkanolic monocarboxylic acids, saturated alkanolic dicarboxylic acids and hydroxyalkanoic acids.
28. (new) The adhesive according to claim 1, wherein said adhesive comprises at least two components selected from the group consisting of (a) polyvinyl alcohols, (b)

cellulose derivatives, (c) polyethers and (d) acid anhydrides including acids and salts of acid anhydrides, wherein said at least two components differ from each other by each being a member of a different class of (a) to (d).

29. (new) The adhesive according to claim 1, wherein said adhesive comprises at least one component selected from the group consisting of (c) polyethers and (d) acid anhydrides including acids and salts of acid anhydrides, and wherein said at least one film-forming polymer is selected from the group consisting of non-pressure-sensitive adhesive polyacrylates.

30. (new) The adhesive according to claim 1, wherein said adhesive comprises at least one component selected from the group consisting of (c) polyethers and (d) acid anhydrides including acids and salts of acid anhydrides, in combination with said at least one pressure-sensitive adhesive polymer.

31. (new) The adhesive according to claim 1, wherein said adhesive comprise at least one cellulose derivative (b), and said at least one pressure-sensitive adhesive polymer is selected from the group consisting of polyacrylates, polyisobutylenes, polyisoprenes and silicone adhesives.